

**NOTICE OF DRAFTSPERSON'S  
INFORMATION RELATING TO DRAWING CHANGES  
PATENT DRAWING REVIEW**

The drawing(s) filed (insert date) 10/13/98 are:

- approved by the Draftsperson under 37 CFR 1.84 or 1.152.
- objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

II. Correction to Information Under 37 CFR 1.82

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:  
 Black and white drawings may be submitted in color if the color does not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) \_\_\_\_\_
2. PHOTOGRAPHS. 37 CFR 1.84 (b)  
 1 full-tone set is required. Fig(s) \_\_\_\_\_  
 Photographs not properly mounted (must use bristol board or photographic double-weight paper). Fig(s) \_\_\_\_\_  
 Poor quality (half-tone). Fig(s) \_\_\_\_\_
3. TYPE OF PAPER. 37 CFR 1.84(e)  
 Paper: flexible; strong; white, and durable; air-tight; agreeable to the touch; not easily stained; not easily torn; not easily creased; not easily folded; copy machine marks not accepted. Fig(s) \_\_\_\_\_  
 Mylar, vellum, paper is not acceptable (too thin). Fig(s) \_\_\_\_\_
4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:  
 21.0 cm by 29.7 cm (DIN size A4)  
 21.6 cm by 27.9 cm (8 1/2 x 11 inches)  
 All drawing sheets not the same size.  
Sheet(s) \_\_\_\_\_  
Drawings sheets not an acceptable size. Fig(s) \_\_\_\_\_
5. MARGINS. 37 CFR 1.84(g): Acceptable margins:  
 Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  
SIZE: A4 Size  
Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  
SIZE: 8 1/2 x 11 inches  
Margins not acceptable. Fig(s) \_\_\_\_\_  
Top (T) \_\_\_\_\_ Left (L) \_\_\_\_\_ Right (R) \_\_\_\_\_ Bottom (B) \_\_\_\_\_
6. VIEWS. 37 CFR 1.84(h)  
REMINDER: Specification may require revision to correspond to drawing changes.  
Partial views. 37 CFR 1.84(h)(2)  
 Brackets needed to show figure as one entity. Fig(s) \_\_\_\_\_  
 Views not labeled separately or properly. Fig(s) \_\_\_\_\_  
 Enlarged view not labeled separately or properly. Fig(s) \_\_\_\_\_
7. SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)  
 Hatching not indicated for sectional portions of an object. Fig(s) \_\_\_\_\_  
 Sectional designation should be noted with Arabic or Roman numbers. Fig(s) \_\_\_\_\_
8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)  
Color drawings are not acceptable until petition is granted. Fig(s) \_\_\_\_\_  
Pencil and Non-black ink not permitted. Fig(s) \_\_\_\_\_
9. SCALE. 37 CFR 1.84(k): Acceptable scales:  
 Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) \_\_\_\_\_
10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(l)  
Stylized numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) \_\_\_\_\_
11. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(m)  
Folds, creases, wrinkles, and wrinkles in paper not acceptable. Fig(s) \_\_\_\_\_  
SHADING. 37 CFR 1.84(n): Acceptable shading:  
Solid black areas pale. Fig(s) \_\_\_\_\_  
Solid black shading not permitted. Fig(s) \_\_\_\_\_  
Shaded lines pale, rough and blurred. Fig(s) \_\_\_\_\_
12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p)  
Numbers and reference characters not plain and legible. Fig(s) \_\_\_\_\_  
Figure legends are poor. Fig(s) \_\_\_\_\_  
Numbers and reference characters not oriented in the same direction as the figures. Fig(s) \_\_\_\_\_
13. LEAD LINES. 37 CFR 1.84(q)  
Lead lines cross each other. Fig(s) \_\_\_\_\_  
Lead lines missing. Fig(s) \_\_\_\_\_
14. NUMBERING OF VIEWS. 37 CFR 1.84(u)  
Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) \_\_\_\_\_
15. NUMBERING OF DRAWINGS. 37 CFR 1.84(v)  
Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) \_\_\_\_\_
16. CORRECTIONS. 37 CFR 1.84(w)  
Corrections not made from prior PTO-948 dated \_\_\_\_\_
17. DESIGN DRAWINGS. 37 CFR 1.152  
Surface shading shown not appropriate. Fig(s) \_\_\_\_\_  
Solid black shading not used for color contrast. Fig(s) \_\_\_\_\_

**COMMENTS**

REVIEWER I AM DATE 10/05/99 TELEPHONE NO. (703)308-0366

ATTACHMENT TO PAPER NO. \_\_\_\_\_